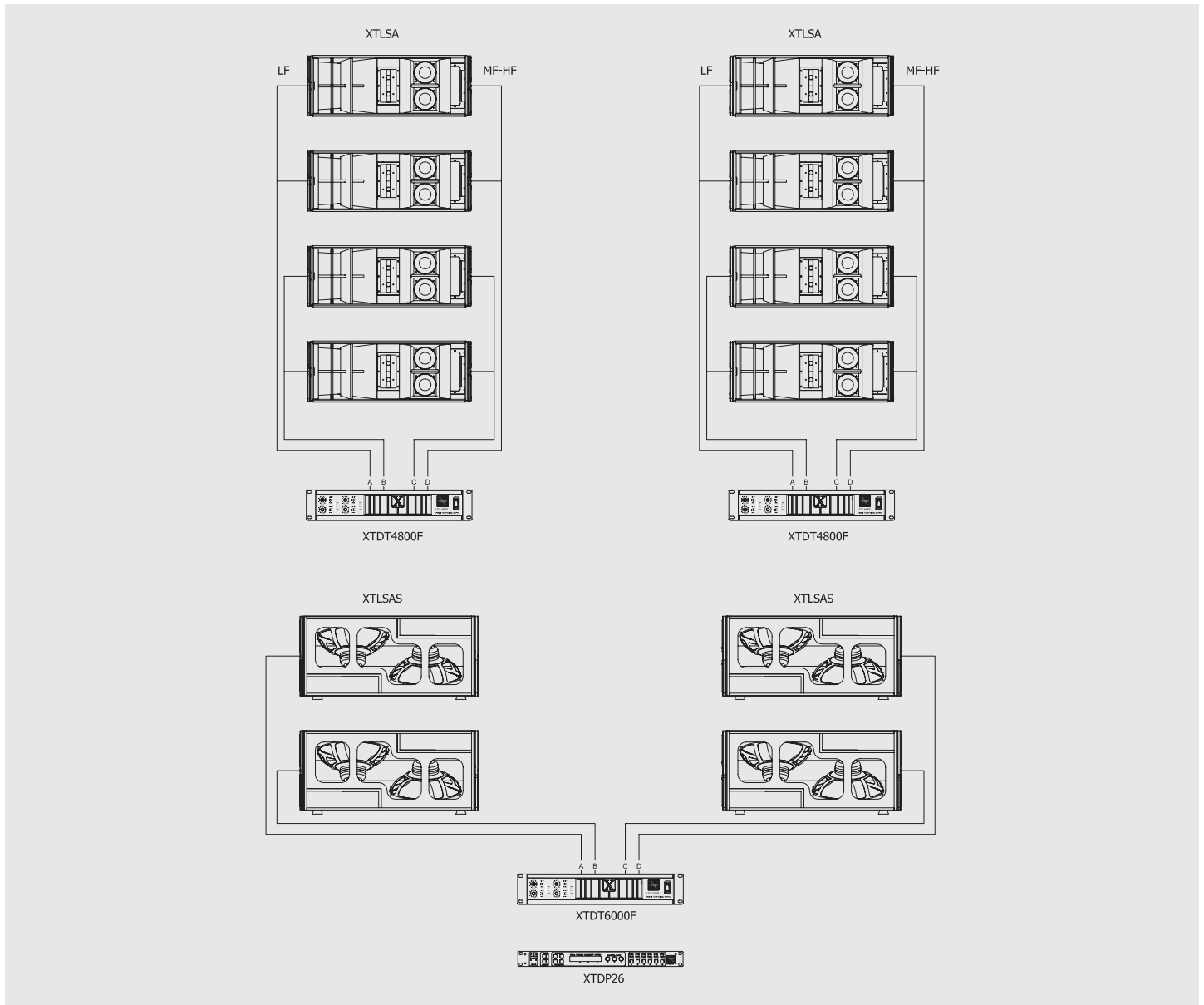


LINEAR SOURCE ARRAY

Type beta

passive solution powered by switching technology



UNITS

| | | |
|---|------------------|---|
| 8 | XTLSA | Line array module - Power handling RMS: 760 W - Impedance (bi-amp): 8+8 Ohm - Max SPL: 137 dB |
| 4 | XTLSAS | Arrayable double subwoofer - Power handling RMS: 2400 W - Impedance: 4 Ohm - Max SPL: 142 dB |
| 2 | XTDT4800F | Stereo Switching Class D Amplifier with PFC (95-265 VAC) - Output Power RMS: 4x1200 W (@4 Ohm) |
| 1 | XTDT6000F | Stereo Switching Class D Amplifier with PFC (95-265 VAC) - Output Power RMS: 4x1500 W (@4 Ohm) |
| 1 | XTDP26 | Digital Speaker Management System - Ways: 2 Input, 6 Output - Digital resolution: 24 bit / 96 kHz |


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System Configurations

APPLICATIONS

- Large scale concert & touring;
- Large open-air events, public squares, etc...
- Stadium, sports halls, arenas.

BRIEF DESCRIPTION

- Total Power Handling: **15680 W RMS**
- Total Power Amplifiers: **15600 W RMS (@4 Ohm)**
- Horizontal coverage angle: 2 x 120°
- Reachable distance: 70-80 m
- Max potential audience*: 

*For this type of configuration one symbol (†) represents an audience of 1000 people.

CONNECTORS

The XTLSA and XTLSAS cabinets are fitted with a pair of Neutrik Speakon NL8 connectors. All eight pins of both connectors are wired in parallel. The XTLSA uses pin assignments 2+/2- for woofer, 3+/3- for mid-high section in bi-amp (this configuration)

and 4+/4- for high section in tri-amp. Pins 1+/1- are assigned to XTLSAS subwoofers.

The double Speakon connector permits to connect in parallel a further loudspeaker system of the same type.

| Type | Pins | 1+ | 1- | 2+ | 2- | 3+ | 3- | 4+ | 4- |
|------|------|-----------------|-----------------|----------------|----------------|------------------------------|------------------------------|-----------------------------|-----------------------------|
| NL8 | | | | LF+ (XTLSA) | LF- (XTLSA) | Mid/Hi+ (XTLSA bi-amp) | Mid/Hi- (XTLSA bi-amp) | High+ (XTLSA tri-amp) | High- (XTLSA tri-amp) |
| NL8 | | SW+ (XTLSAS) | SW- (XTLSAS) | | | | | | |

 = Utilized loudspeaker systems-power amplifiers connections.

PROCESSOR PROGRAMS

| DSP UNIT | SOUND FILE | OUTPUT OPTIONS | FUNCTION |
|--|---------------------------------|----------------|---|
| XTDP26  | 4_XTLSA_BiAmp_Stereo.dfa | Near/Far* | Array made of 4 bi-amplified elements without subwoofer |
| | 4_XTLSA_BiAmp+XTLSAS_Stereo.dfa | --- | Array made of 4 bi-amplified elements with subwoofer |

(*) The "Far" output has a boost in the ultra- high frequency zone; to be used for a set of upper modules which are positioned in the top part of the array (suspended or stacked), depending on installation geometry and environmental conditions (architecture, humidity), to throw the very high frequencies far enough, despite air absorption.

ACCESSORIES

| | |
|-------------------|---|
| STD-LSA | Flying bar for Linear Source Array |
| XT-ANGLE | Electro-mechanical device for setting the pitch of the line array systems (flying bar not included) |
| XT-ANGLERC | Remote controller for XT-ANGLE with bright display (cable included, 10 m in length) |
| XT-D8P | Connection panel specially designed for line arrays |
| XT-PSB32/8 | Patch board 32A - 2 XLR IN, 2 XLR OUT - 4 Speakon OUT NL8MPR - 3 rack units |
| XT-NETINT | Network Interface for XT-NET connection (PC adapter: from USB or RS232 to standard RJ45) |
| XT-NETPS | Power unit for supplying up to 2 XT-NETINT (if a RS232 is used) |
| XTLSA-SK | Wheelboard for XTLSA and XTLSA/A loudspeaker system |
| XTLSAS-SK | Wheelboard for XTLSAS and XTLSAS/A double subwoofer |

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